

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel Claims 1-5, and 34 without prejudice or disclaimer of the subject matter contained therein and amend the remaining claims as follows:

Listing of Claims:

1. Cancel.
2. Cancel.
3. Cancel.
4. Cancel.
5. Cancel.
6. (Currently Amended) Structure according to Claim 5, for a passenger motor vehicle, comprising a panel structure made of non-metallic material,
wherein the structure forms a passenger cell, of which the panel structure comprises:
a front panel structure;
a rear panel structure,
a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the front panel structure includes a first panel section which extends from a first floor section of the floor structure upward in a vertical vehicle direction, and a second panel section which extends in a direction opposite a vehicle forward driving direction,

wherein the rear panel structure includes a third panel section which extends from a second floor section of the floor structure upward in a vertical vehicle direction, and a fourth panel section which extends in a direction opposite vehicle forward driving direction, and

wherein the second floor section, the third panel section, and the fourth panel section border a cavity with an open side.

7. (Original) Structure according to Claim 6, wherein the cavity can be closed with a vertical panel and is designed to accommodate a tank for passenger vehicle fuel.

8. (Currently Amended) ~~Structure according to Claim 4,~~ for a passenger motor vehicle, comprising a panel structure made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,

a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the front panel structure includes a first panel section which extends from a first floor section of the floor structure upward in a vertical vehicle direction, and a second panel section which extends in a direction opposite a vehicle forward driving direction,

wherein the first floor section, the first panel section, and the second panel section border a leg compartment in a passenger compartment of the passenger cell, and

wherein the floor structure in the area of the leg compartment is provided with a local thickening as a base for vehicle operating pedals.

9. (Currently Amended) Structure according to Claim 1 6, wherein the front panel structure and a non-metallic windshield frame are structurally joined.

10. (Currently Amended) Structure according to Claim 3 8, wherein the front panel structure and a non-metallic windshield frame are structurally joined.

11. (Currently Amended) ~~Structure according to Claim 10,~~ for a passenger motor vehicle, comprising a panel structure made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,

a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the front panel structure includes a first panel section which extends from a first floor section of the floor structure upward in a vertical vehicle direction, and a second panel section which extends in a direction opposite a vehicle forward driving direction, and

wherein the windshield frame is provided with flanges which are held in position on the first panel section and on the second panel section by means of adhesive bonding.

12. (Currently Amended) Structure according to Claim 9 11, wherein hollow spaces of columns of the windshield frame are provided with additional support columns made of metal and joined with the front panel structure.

13. (Currently Amended) ~~Structure according to Claim 12, for a passenger~~
motor vehicle, comprising a panel structure made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,

a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure.

wherein the front panel structure and a non-metallic windshield frame are structurally joined,

wherein hollow spaces of columns of the windshield frame are provided with additional support columns made of metal and joined with the front panel structure. and

wherein each support column is held in position on the front panel structure by means of a retainer plate.

14. (Original) Structure according to Claim 13, wherein the retainer plate has legs which extend toward each other at an angle and rest on corresponding panel sections of the front panel structure.

15. (Original) Structure according to Claim 14, wherein the retainer plate is held in position with bolts which are aligned to tap holes of a metallic insert integrated in the front panel structure.

16. (Original) Structure according to Claim 13, wherein the support columns are joined with columns of the windshield frame only in an area of free ends of the support columns by means of foam material.

17. (Original) Structure according to Claim 14, wherein the support columns are joined with columns of the windshield frame only in an area of free ends of the support columns by means of foam material.

18. (Original) Structure according to Claim 13, wherein each support column consists of a minimum of two sleeved tubes.

19. (Currently Amended) Structure according to Claim ~~1~~ 12, wherein the rear panel structure and a non-metallic roll bar mounting are structurally joined.

20. (Currently Amended) Structure ~~according to Claim 19, for a passenger motor vehicle, comprising a panel structure made of non-metallic material,~~
wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,

a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the rear panel structure and a non-metallic roll bar mounting are structurally joined, and

wherein the roll bar mounting comprises two single roll bars, which are attached in areas of the respective housings for the passenger seats.

21. (Original) Structure according to Claim 20, wherein each single roll bar includes upright side panels with a connecting panel extending between them in a cross-sectional view.

22. (Original) Structure according to Claim 21, wherein free ends of the side panels rest in recesses of the rear panel structure and are held in position by means of adhesive bonding.

23. (Original) Structure according to Claim 21, wherein the connecting panel is designed for bearing a roof and is provided with a groove for a seal.

24. (Currently Amended) Structure ~~according to Claim 1,~~ for a passenger motor vehicle, comprising a panel structure made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,

a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure

wherein the front panel structure is supported on a center tunnel by means of a support strut.

25. (Currently Amended) Structure according to Claim 24, wherein the support strut is attached to the center tunnel ~~and/or~~ and the front panel structure with bolts, or adhesives ~~or the like~~.

26. (Currently Amended) Structure according to Claim ~~1~~ 6, wherein said front panel structure, said rear panel structure, said floor structure, and said longitudinal girders are integrally formed of said non-metallic material.

27. (Original) Structure according to Claim 26, wherein said non-metallic material is fiber-reinforced plastic.

28. (Original) Structure according to Claim 27, wherein said fiber-reinforced plastic is carbon fiber reinforced plastic (CFRP).

29. (Currently Amended) A passenger motor vehicle body assembly comprising a passenger cell integrally formed by carbon fiber reinforced plastic panel structure comprising:

a front panel structure,

a rear panel structure,

a floor structure ~~joint~~ joining the front and rear panel structures, and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the floor structure in an area of a leg compartment is provided with a local thickening as a base for vehicle operating pedals.

30. (Currently Amended) A method of making a passenger motor vehicle body assembly comprising a passenger cell, said method comprising integrally forming a carbon fiber reinforced plastic panel structure which includes:

a front panel structure,

a rear panel structure,

a floor structure ~~joint~~ joining the front and rear panel structures, and

longitudinal girders that extend between the panel structures and border the floor structure, and

wherein the floor structure in an area of a leg compartment is provided with a local thickening as a base for vehicle operating pedals.

31. (Original) A method according to Claim 30, comprising structurally joining a non-metallic windshield frame to the front panel structure.

32. (Currently Amended) A method ~~according to Claim 31~~, of making a passenger motor vehicle body assembly comprising a passenger cell, said method comprising integrally forming a carbon fiber reinforced plastic panel structure which includes:

a front panel structure,

a rear panel structure,

a floor structure joining the front and rear panel structures, and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the front panel structure includes a first panel section which extends from a first floor section of the floor structure upward in a vertical vehicle direction, and a second panel section which extends in a direction opposite a vehicle forward driving direction, and

~~wherein the said method comprises adhesive bonding of windshield frame is provided with flanges which are held in position on the first panel section and on the second panel section by means of adhesive bonding.~~

33. (Original) A method according to Claim 30, comprising structurally joining a non-metallic roll bar mounting to the rear panel structure.

34. Cancel.

35. (Currently Amended) A method ~~according to Claim 33~~, of making a passenger motor vehicle body assembly comprising a passenger cell, said method comprising integrally forming a carbon fiber reinforced plastic panel structure which includes:

a front panel structure,

a rear panel structure,

a floor structure joining the front and rear panel structures, and

longitudinal girders that extend between the panel structures and border the floor structure,

comprising structurally joining a non-metallic roll bar mounting to the rear panel structure, and

wherein the roll bar mounting comprises two single roll bars, which are attached in areas of the respective housings for ~~the~~ passenger seats.

36. (Original) A method according to Claim 35, wherein each single roll bar includes upright side panels with a connecting panel extending between them in a cross-sectional view.

37. (Original) A method according to Claim 36, wherein free ends of the side panels rest in recesses of the rear panel structure and are held in position by means of adhesive bonding.

38. (Original) A method according to Claim 36, wherein the connecting panel is designed for bearing a roof and is provided with a groove for a seal.

Please add the following new claims:

39. (New) A structure according to Claim 6, wherein the non-metallic material is fiber-reinforced plastic.

40. (New) A structure according to Claim 8, wherein the non-metallic material is fiber-reinforced plastic.

41. (New) A structure according to Claim 11, wherein the non-metallic material is fiber-reinforced plastic.

42. (New) A structure according to Claim 13, wherein the non-metallic material is fiber-reinforced plastic.

43. (New) A structure according to Claim 20, wherein the non-metallic material is fiber-reinforced plastic.

44. (New) A structure according to Claim 24, wherein the non-metallic material is fiber-reinforced plastic.

45. (New) Structure for a passenger motor vehicle, comprising a panel structure made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,

a floor structure joining the front and rear panel structures; and

longitudinal girders that extend between the panel structures and border the floor structure,

wherein the rear panel structure includes a panel section which extends from a rear floor section of the floor structure upward in a vertical vehicle direction, and a further panel section which extends from said panel section in a direction opposite a vehicle forward driving direction.

46. (New) A structure according to Claim 45, wherein the non-metallic material is fiber-reinforced plastic.

47. (New) Structure for a passenger motor vehicle, comprising a panel structure made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure comprises:

a front panel structure;

a rear panel structure,
a floor structure joining the front and rear panel structures; and
longitudinal girders that extend between the panel structures and border the
floor structure,

wherein the front panel structure includes a first panel section which
extends from a first floor section of the floor structure upward in a vertical
vehicle direction, and a second panel section which extends in a direction
opposite a vehicle forward driving direction, and

wherein the rear panel structure includes a third panel section which
extends from a second floor section of the floor structure upward in a vertical
vehicle direction, and a fourth panel section which extends in a direction opposite
vehicle forward driving direction.

48. (New) A structure according to Claim 47, wherein the non-metallic material
is fiber-reinforced plastic.

49. (New) A structure according to Claim 47, wherein the first floor section, the
first panel section, and the second panel section border a leg compartment in a
passenger compartment of the passenger cell.

50. (New) Structure for a passenger motor vehicle, comprising a panel structure
made of non-metallic material,

wherein the structure forms a passenger cell, of which the panel structure
comprises:

a front panel structure;

a rear panel structure,
a floor structure joining the front and rear panel structures; and
longitudinal girders that extend between the panel structures and border the
floor structure,

wherein the floor structure in an area of a leg compartment is provided
with a local thickening as a base for vehicle operating pedals.

Amendments to the Drawings:

Submitted herewith is a red-lined version of the drawings showing changes to be made to Figures 2, 3, 6, and 9, along with new replacement sheets showing these changes.